

No. 4-1258-1a, 1b

Date

Co. & State Park Co., Texas

Loc. Stream side N.E. of Benton on U.S. 411

Water clear Flow mad to swift.

Width +12' Depth +2' pH Temp.

Bottom sand, some rock.

Vegetation none

Shore *Pinus*, *Juniperus*, *Liquidambar*, *Salix*

Air Temp.

Weather sunny Time 10:15

Capture

Det. Coll.

	♂I	♂II	♀	♂J	♀J	♀E	♀Y
<i>C. diogenes</i>			1		1		
<i>C. l. longworthi</i>			1	1	5		

*C. diogenes* (drogues like form from bushes along bank.)

2

*C. diogenes* complex (12/19/47)

No. 4-1258-2 ab

Date \_\_\_\_\_

Co. & State Walk Co., Tenn.

Loc. Stream 11.4 miles south of Benton, Tenn. on State 33 -

Water slightly cloudy Flow rapid

Width 1 to 12 ft. Depth +2 ft. pH 6.5 Temp. 7°C.

Bottom lilt soil + rocks + debris

Vegetation Algae

Shore Plantain, algae, mosses

Air Temp. 18°C

Weather Clear + sunny Time 11:10

Capture \_\_\_\_\_

Det. \_\_\_\_\_ Coll. \_\_\_\_\_

<u>C. striatus</u>	♂I	♂II	♀	♂J	♀J	♀E	♀Y
<u>C. extraneus</u>	1	1	4	2	2		
	3	3	4				

(20)

No. 4-1258-3

Date \_\_\_\_\_

Co. & State Murray Co., Ga.

Loc. stream bed, north of Elton, Ga.

Water Murky

Flow rapid

Width 12 ft.

Depth +2 ft.

pH

Temp.

Bottom sandy

Vegetation none

Shore dirt - 3 in.

Air Temp. 15.0°C

Weather cloudy

Time

Capture

Det.

Coll.

	♂I	♂II	♀	♂J	♀J	♀E	♀Y
C. extraneus	2	1					

(3)

No. 4-1258-4abc

Date \_\_\_\_\_

Co. & State Mary Co. Fla.

Loc. Chatsworth on Rd. 76 - Holly Creek about 1 mi west of

Water clear & swift Flow swift

Width 50 ft. Depth 4 ft pH \_\_\_\_\_ Temp. \_\_\_\_\_

Bottom sand & gravel & rocks

Vegetation none

Shore Cocoplum, Almond, Guadalupe, Pisonia

918 Air Temp. 20.5°C

Weather Clear & sunny Time 11:05

Capture \_\_\_\_\_

Det. \_\_\_\_\_

Coll. \_\_\_\_\_

<u>2 jars</u>	<u>♂I</u>	<u>♂II</u>	<u>♀</u>	<u>♂J</u>	<u>♀J</u>	<u>♀E</u>	<u>♀Y</u>
<u>C. striatus</u>	<u>1</u>	<u>5</u>	<u>7</u>	<u>2</u>	<u>H</u>		
<u>C. extraneus</u>				<u>2</u>		<u>1</u>	
<u>O. spinosus II</u>	<u>1</u>	<u>3</u>	<u>1</u>				

3

27

No. 4-1258-5 a b

Date 6.1

Co. & State Murray Co., Ga.

Loc. Stream 2 mi E. of Chattooga, on US Rt 76.  
in deep shaded ravine - water brook tumbling  
downward over stony bed.

Water clear Flow mod.

Width 2-4' Depth 1' pH Temp.

Bottom rocky & leaf debris

Vegetation none

Shore Paper, leafy bar limestone.

Air Temp.

Weather sunny Time 1:55

Capture

Det.

Coll.

	♂I	♂II	♀	♂J	♀J	♀E	♀Y
C. conasauga	1	3	1	1			
C. striatus			1				

(7)

No. 11258-6a.t

Date

Co. & State Murray Co., Ga.

Loc. Stream 3 mi west of Chattooga, Ga. on R.

Highway 52 - Town Branch creek

Water calm, clear Flow slow

Width 15 ft. Depth 3 ft. pH - Temp. 18°C

Bottom mud

Vegetation willow-like plants

Shore shrub, grassy

Air Temp. -

Weather Cloudy

Time 3:50

Capture 6

Det.

Coll.

	♂I	♂II	♀	♂J	♀J	♀E	♀Y
<u>C. extraneus</u>	2	4	3	5			
<u>C. striatus</u>			1				

(15)

No. 4-1255-7 abc

Date \_\_\_\_\_

Co. & State Whitfield Co., Ga.

Loc. Stream 9.3 miles south of Dalton

Water Clear

Flow Soft

Width 6 to 10' Depth +2 pH \_\_\_\_\_ Temp. 18.0 °C

Bottom Rocky - sand + silt

Vegetation none

Shore \_\_\_\_\_

Air Temp. \_\_\_\_\_

Weather \_\_\_\_\_

Time 4:20 PM

Capture \_\_\_\_\_

Det. \_\_\_\_\_

Coll. \_\_\_\_\_

	♂I	♂II	♀	♂J	♀J	♀E	♀Y
O. spinosus II	2	1	1			2	
C. extraneus	5	2	6	6	4	1	
C. striatus		1					



No. 41258 - 8 or B

Date

Co. & State Gordon Co., Ga.

Loc. Stream 17.8 mi west of Dalton on Rt. 41

Water Clean cloudy - yellowish

Flow swift

Width 4 to 5'

Depth + 2 ft.

pH

Temp.

Bottom silt - sand - rocks

Vegetation none

Shore Pine, alders

Air Temp.

Weather Clear + warm

Time 4:55 P.M.

Capture

Det.

Coll.

	dI	dEP	2	dJ	23	28	Cr	
P. lophotes lateralis	1	2	8	6	6			
C. striatus		2	2	6	5			

Oostanaula River - 3.2 miles south of the river  
on Rt 41.

21

(3)

No. LF-1258-92 bC

Date

Co. & State Marion Co., Ga.

Loc. ~~Colburn~~ - spring + burrows

1.8 mi N. of Colburn on Rt. 41

Water ~~the~~ Spring water clear by stream Flow moderate

Width ~~about~~ 6 ft Depth 2 to 4<sup>10</sup> pH Temp. 16 °C

Bottom clear spring algae in stream = muddy

Vegetation Algal proliferation in stream

Shore

Air Temp.

Weather Clear

Time 6:45 PM

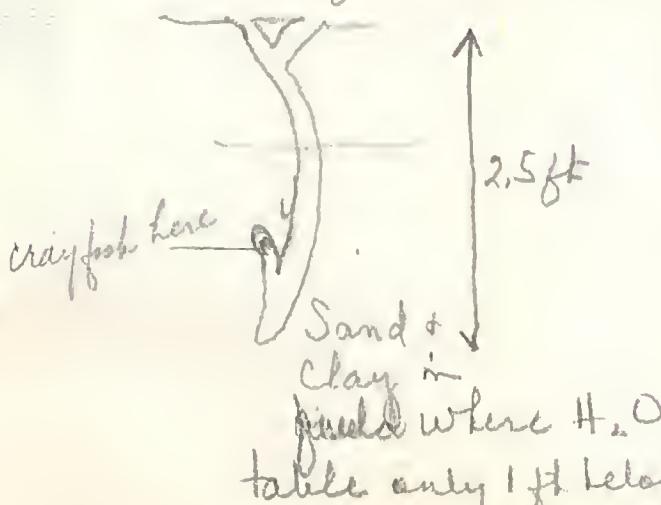
Capture

Det.

Coll.

	♂I	♂II	♀	♂J	♀J	♂E	♀Y
C. striatus	1	3	2		1		
C. diogenes				2	2		
P. sp. (Epipelicifug gr.)					1		

1 Burrow from ♂ I diogenes complex



Also dug one specimen of striatus - tunnel not well formed

most chimneys not well formed

- a. C. sp. 10<sup>7</sup>I, 30<sup>7</sup>II, 27  
striatus? firm?
- b. C. diogenes comp. 28, 20<sup>7</sup>III
- c. P. sp. specimen 10<sup>7</sup>III

No. 4-1258-10 Aug.

Date

Co. & State: Gordon Co., Ga.

Loc. Stream 2.8 mi. west of Calhoun, Ga.  
on Rt. 53

Water: clear

Flow: swift

Width: 6 to 8 ft.

Depth: 2 to 11 ft.

pH

Temp.

Bottom: rock, silt & sand

Vegetation: none

Shore: rocky

Air Temp. 16°C

Weather: clear

Time 7:30

Capture:

Det.

Coll.

	♂I	♂II	♀	♂J	♀J	♀E	♀Y
<i>Procambarus clarkii</i>		H	6	7	2		
<i>C. striatus</i>			2	4	6		

2

(31)

No. N-1356-1

Date

Co. & State Floyd Co. Va.

11.3  
11.0  
5.3  
15.8  
6.8  
8.8

Loc. Stream 1.7 mi North of Rome Ga. on Rt. 27

Water Muddy

Flow slow

Width 2 to 4 ft

Depth 1 to 2 ft.

pH

Temp.

Bottom muddy - silt - rock - less stream little drag.

Vegetation algae, ferns

Shore

Air Temp. 25°C

Weather clear + warm

Time 10:50

Capture Stream

Det.

Coll.

	♂I	♂II	♀	♂J	♀J	♀E	♀Y	
C. striatus					1	6		

(7)

No. 4-1358-2abc

Date \_\_\_\_\_

Co. & State Floyd Co., Ia.

Loc. Tributary of Amherst Creek 9.7 miles

North of Amherst Ia. on Rte 27.

Water clear almost

Flow swift

Width 4 to 6' Depth +2 ft pH \_\_\_\_\_ Temp. 12°C

Bottom Rock and silt - sand - a boggy

Vegetation Algae

Shore Algae

Air Temp. 25°C

Weather clear

Time 11:25

Capture \_\_\_\_\_

Det. \_\_\_\_\_

Coll. \_\_\_\_\_

	♂I	♂II	♀	♂J	♀J	♀E	♀Y
C. latimanus		4	3	3	5		
C. striatus		1	3		2		
C. diogenes			1				



No. 4-1754-4A+

Date

Co. & State El Dorado Co., Ga.

Loc. Stream + Swamp pool 5.3 mi. West of  
Home Ga.

Water Cloudy Flow moderate

Width 20' Depth 4' pH Temp.

Bottom Muddy

Vegetation *Musisphyllum*

Shore Almond, Lemon

Air Temp. 25°C

Weather Clear - Sunny

Time 12:25

Capture *Streckeria*

Det.

Coll.

	♂I	♂II	♀	♂J	♀J	♀E	♀Y
<i>C. striatus</i>			2	13	14		
<i>C. latimanus</i>				4	6		

39

No. 4-1358-5a, 5b

Date \_\_\_\_\_

Co. & State Floyd Co., Ga.

Loc. Stream 7.5 mi  
below on RT. 20

East of Alabama State

Water Clear +

Flow surface

Width 15'

Depth 4 to 6'

pH

Temp. 13°C

Bottom rocky

Vegetation none

Shore River, floodplain char.

Air Temp. 28°C

Weather clear

Time 1:00

Capture

Det.

Coll.

	♂I	♂II	♀	♂J	♀J	♀E	♀Y
C. extraneus	3	3	1			1	
C. latimanus				1	2	1	

1

(12)

No. 44-1358 - 6

Date \_\_\_\_\_

Co. & State Floyd Co., Ga.

Loc. Stream 5.0 mi East of Alabama line on Rd. 20

Water clear

Flow soft

Width 6' Depth +3 pH \_\_\_\_\_ Temp. 17°C

Bottom rocky

Vegetation grass

Shore Almond, lime, limestone

Air Temp. 25°C

Weather clear

Time 1:25

Capture \_\_\_\_\_

Det. \_\_\_\_\_

Coll. \_\_\_\_\_

	♂I	♂II	♀	♂J	♀J	♀E	♀Y
<i>C. extraversa</i>					1		

1

No. 4-1358-7abc

Date \_\_\_\_\_

Co. & State Floyd Co., Ga.

Loc. Stream 1.7 mi. East of Alabama line  
on RT 20

Water Clear

Flow Swift

Width 10 to 15'

Depth + 1'

pH

Temp. 12°C

Bottom Sandy

Vegetation grass

Shore ~~Salix nigra, Pinus, Abies~~

Air Temp. 25°C

Weather Clear

Time 2:00

Capture \_\_\_\_\_

Det. \_\_\_\_\_

Coll. \_\_\_\_\_

	♂I	♂II	♀	♂J	♀J	♀E	♀Y
C. extraneus						2	
C. latimanus					2		
C. decoloratus					1		

No. 4-1358-82+C

Only one label  
needed for  
blandingii 8 cm  
Date

Co. & State Cherokee Co., Ala.

Loc. Stream 3.9 mi north of Centre on Rt 6

Water Clear

Flow Swift

Width 4 to 6'

Depth 4 to 5'

pH

Temp. 11.5°C

Bottom Sand mud + rocks

Vegetation Sand below - *Phragmites australis*

Shore Alrus, *Betula*, *Liquidambar styraciflua*

Air Temp. 25°C

Weather Clear

Time 3:10

Capture \_\_\_\_\_

Det. \_\_\_\_\_

Coll. \_\_\_\_\_

	♂I	♂II	♀	♂J	♀J	♀E	♀Y
② <i>P. b. acutus</i>			3		2	4	
④ <i>C. diogenes</i>					1		
④ <i>C. latimanus</i>						3	2

3 Diogenes female abn with eggs.

b. C. sp. (diogenes complex) 1 ♀ with eggs.

No. 4-135A-9a-f

Date \_\_\_\_\_

Co. & State Cherokee Co., Ala.

Loc. Stream 1 mi south of Centre, Ala. on RT 6

Water Clear

Flow slow

Width 10 to 15' Depth + 5' pH \_\_\_\_\_ Temp. 12°C

Bottom Muddy

Vegetation *Zizaniopsis miliacea*

Shore \_\_\_\_\_

Air Temp. 25°C

Weather Clear + sunny

Time 3:25 PM.

Capture \_\_\_\_\_

Det. \_\_\_\_\_

Coll. \_\_\_\_\_

	♂I	♂II	♀	♂J	♀J	♀E	♀Y
P. b. acutus					2	4	
P. striatus					1	2	

No. H 1758-10

Date

Co. & State Etowah Co. Ala.

Loc. Stream 4½ mi w of Cherokee - Etowah Co.  
Ala. on Rt. 411

Water Clear

Flow Moderate

Width 5' + Depth + 4'

pH

Temp. 12°C

Bottom Rock + silt

Vegetation Lizard tail

Shore Aluvial - Platform - Shallow

Air Temp. 25°C

Weather Clear + sunny

Time 6:20

Capture

Det.

Coll.

	♂I	♂II	♀	♂J	♀J	♀E	♀Y
C. latimanus						1	

areola too broad + short  
perhaps C. latimanus

No. 4-1358-11a-b

Date \_\_\_\_\_

Co. & State Etowah Co., Ala.

Loc. ~~10.4 mi~~ <sup>10.4 mi</sup> East of Etowah Co. line on Rt 278

Water clear Flow moderate

Width 6' Depth 73' pH \_\_\_\_\_ Temp. 12°C

Bottom sand

Vegetation none

Shore \_\_\_\_\_

Air Temp. 85

Weather Clear & sunny Time 5:30 PM

Capture \_\_\_\_\_

Det. \_\_\_\_\_ Coll. \_\_\_\_\_

	♂I	♂II	♀	♂J	♀J	♀E	♀Y
<i>C. extraneus</i>	1		1	2	2	1	
<i>C. striatus</i>	1		2	1	1		

No. 14-1358 - 12 ab.

Date \_\_\_\_\_

Co. & State Etowah Co., Ala.

Loc. Pool under bridge 2.1 mi East of Etowah Cr  
on Rt. 278

Water moderate Flow none

Width 10' 0" Depth 4' pH \_\_\_\_\_ Temp. 12°C

Bottom sand

Vegetation none

Shore \_\_\_\_\_ Air Temp. 24°C

Weather clear Time 6:00

Capture \_\_\_\_\_

Det. \_\_\_\_\_ Coll. \_\_\_\_\_

	♂I	♂II	♀	♂J	♀J	♀E	♀Y
P. b. bandimii acutus			1	.	1		
A. striatus					3	4	

No. 4-1358-13a b

Date  

Co. & State Benton Co. Okla.

Loc. Stream 2.5 mi E. of Cullmann - Benton Co. line  
on RT 278

Water Clear Flow Normal

Width 6' Depth 1.5' pH   Temp. 12°C

Bottom Sandy - soft + sandy

Vegetation none

Shore Grass - Pines - Foliage, tall - 2 m

Air Temp. 34°C

Weather Clear Time 1:50

Capture  

Det.   Coll.  

	♂I	♂II	♀	♂J	♀J	♀E	♀Y
<u>C. striatus</u>	2		1	4	13	5	
<u>O. hathawayi</u>				1	1		

1

No. 4-1358-14abc

Date \_\_\_\_\_

Co. & State Blount Co., Alabama

Loc. Stream 5.6 mi E. of Cullman, Blount Co line on  
on RT 278

Water Clear Flow swift

Width 6' Depth 4' pH \_\_\_\_\_ Temp. 12°C

Bottom rocky - sand

Vegetation

Shore L. C. S. Air Temp. 26°C

Weather Clear Time 7:16

Capture

Det. Coll.

	♂I	♂II	♀	♂J	♀J	♀E	♀Y
O. spinosus	4	9	9	3	6		
C. striatus		1	1	19	17		
Procambarus b. acutus					1		

2

(70)

$$Tc_4 = 14.58 - 1 \dots$$

Date \_\_\_\_\_

Co. & State Cullman Co., Ala.

Loc. 2.5 miles N of Hanceville on Rt. 31

Water Clear

Flow  $\rightarrow$  ~~is with~~

Width 12

Depth at 2

pH

Temp. 13° C

Bottom *U. S. N.*

Vegetation *Batrachoseps* - gr. vult.

Shore *Phragmites* *Phragmice*

Air Temp. 18°C

Weather Cloudy

Time 8:50

### Capture

Det.

	♂I	♂II	♀	♂j	♀j	♀e	♀y
<i>C. striatus</i>				1	7	4	

No. 4-1050-2

Date \_\_\_\_\_

Co. & State California, U.S.A.

Loc. 5 mi. S of San City on R.R.

Water Clean Flow \_\_\_\_\_

Width 5 ft. Depth 12 pH \_\_\_\_\_ Temp. 17°C

Bottom Rocks

Vegetation grass, bushes, trees

Shore River, flowing, no current

Air Temp. 18°C

Weather Cloudy Time 9:30

Capture \_\_\_\_\_

Det. Coll.

	♂I	♂II	♀	♂J	♀J	♀E	♀Y	
Catrina					1	4		

1

No. 4-14583 a b.

Date \_\_\_\_\_

Co. & State Pelham & Co., Inc.

Loc. 27 mi. S. L. Date 7.14.31

Water \_\_\_\_\_ Flow \_\_\_\_\_

Width 5.7 cm Depth +6 pH 7.0 Temp. 12 °C

Bottom

## Vegetation

Shore \_\_\_\_\_

---

Air Temp. \_\_\_\_\_

Weather \_\_\_\_\_ Time \_\_\_\_\_

Capture \_\_\_\_\_

Det. \_\_\_\_\_ Coll. \_\_\_\_\_

Det. \_\_\_\_\_ Coll. \_\_\_\_\_

	♂I	♂II	♀	♂j	♀j	♀e	♀y
<i>D. concolor spinosus?</i>	1	1	2	2			
<i>C. striatus</i>	1		13	11			





No. 11-1458-6

Date \_\_\_\_\_

Co. & State Broward Co., Fla.

Loc. State R. 5.7 mi E. of Homestead on county  
Rd. 7

Water Clear Flow moderate

Width 11 ft. Depth 4 ft. pH \_\_\_\_\_ Temp. 13 °C

Bottom Brick

Vegetation Grass

Shore Gravel

Air Temp. \_\_\_\_\_

Weather Cloudy Time 12:30

Capture \_\_\_\_\_

Det. \_\_\_\_\_ Coll. \_\_\_\_\_

	♂I	♂II	♀	♂J	♀J	♀E	♀Y
<i>C. striatus</i>	4	2					

No. 4-145 - 7a, b

Date \_\_\_\_\_

Co. & State Baldwin Co. Ala.

Loc. 25 m., 6 mi E of Mobile on U-231

Water Clear Flow slow

Width 50 Depth 42 pH 7.5 Temp. 13°C

Bottom Rocky

Vegetation Shrub

Shore Rocky - Alluvium

Air Temp. \_\_\_\_\_

Weather Cloudy Time 11:35

Capture \_\_\_\_\_

Det. \_\_\_\_\_ Coll. \_\_\_\_\_

	♂I	♂II	♀	♂J	♀J	♀E	♀Y
① <i>O. hathawayi</i>							5
④ <i>C. struthurus</i>				4	4	7	6

1

No. 4-1654-Ka,b

Date \_\_\_\_\_

Co. & State \_\_\_\_\_

Loc. Stream 4.2 mi. E of Chardon on RT 231

Water

Flow

Width

Depth

pH

Temp.

Bottom

Vegetation

Shore

Air Temp.

Weather

Time

Capture

Det.

Coll.

	♂I	♂II	♀	♂j	♀j	♀e	♀y
① <i>C. extraneus</i>				1			
② <i>C. jordanii</i>			2				

1



No. 4-1458-1026-a ✓

W. Tren

Date

Co. & State St. Clair Co., Ala.

Loc. Stream 4.1 mi E of Ohmit - St. Clair Co. line  
on RT. 231

Water Clear Flow swift

Width 20 to 30' Depth + ft pH Temp. 13°C

Bottom rocky + silt

Vegetation brush

Shore Ligustrum - Salix Pinus - Liriodendron - Prunus -  
Cerasus

Air Temp.

Weather cloudy Time 3:50

Capture

Det. Coll.

	♂I	♂II	♀	♂j	♀j	♀e	♀y
@ O. bispinosus	1		1			1	
@ C. digueti	1						
⑤ C. tetranurus	2		3	2			
② C. jordani		3	3	6	2		

2

b. C. sp. (digueti complex n. sp.)

No. 4-1458-11a,b,c.

Date \_\_\_\_\_

Co. & State St. Clair Co.

Loc. Stream 2.1 mi E of Bell City on RT. 78

Water slightly cloudy Flow moderate

Width 11' Depth +2 pH 7 Temp. 13°C

Bottom Rocky

Vegetation none

Shore Almond - Linden - Pine

Air Temp. \_\_\_\_\_

Weather Rainy

Time 4:50

Capture \_\_\_\_\_

Det. \_\_\_\_\_

Coll. \_\_\_\_\_

	♂I	♂II	♀	♂J	♀J	♀E	♀Y
P. blandingii acutus	1	1	3	1	2		
C. striatus					1		
C. latimanus (?)					1		

1

# 3 jars - Write 3 labels -

No. 4-1458-12

Date \_\_\_\_\_

Co. & State Calhoun Co. Ala.

Loc. Stream 5.1 mi w of Intersection of 78 & 21  
on Rt. 78

Water Clear Flow moderate

Width 40' Depth + 1 1/2 ft. pH \_\_\_\_\_ Temp. \_\_\_\_\_

Bottom Gravel with stones

Vegetation Myrsinaceae - willow - scattered clumps

Shore Liquidambar - Sweetgum - Elm

Air Temp. \_\_\_\_\_

Weather Cloudy Time 5:45

Capture \_\_\_\_\_

Det. \_\_\_\_\_

Coll. \_\_\_\_\_

	♂I	♂II	♀	♂j	♀j	♀e	♀y
C. latimanus x jordani	15	10	25	20	22		

3-

Truth - in water

9 2)

No. 44-1458-13 ab

Date \_\_\_\_\_

Co. & State Talladega Co., Ala.

Loc. Stream R. 5 mi W of intersection of 78 with 21  
on RT 21 south.

Water Clear Flow moderate

Width 15' Depth 4' pH \_\_\_\_\_ Temp. 13°C

Bottom Sand - rocky -

Vegetation none

Shore \_\_\_\_\_ Air Temp. \_\_\_\_\_

Weather Cloudy Time 6:15

Capture \_\_\_\_\_

Det. Coll.

	♂I	♂II	♀	♂j	♀j	♀e	♀y
C. latimanus		1	1				
C. striatus					2		

1

41

No. 4 - 1458 - 14

Date \_\_\_\_\_

Co. & State Talladega Co.

Loc. Small stream with numerous burrows located  
5.3 mi S. of Morford on RT. 21

Water Fast Flow Slow

Width \_\_\_\_\_ Depth \_\_\_\_\_ pH \_\_\_\_\_ Temp. \_\_\_\_\_

Bottom \_\_\_\_\_

Vegetation \_\_\_\_\_

Shore \_\_\_\_\_

Air Temp. \_\_\_\_\_

Weather \_\_\_\_\_ Time \_\_\_\_\_

Capture \_\_\_\_\_

Det. \_\_\_\_\_ Coll. \_\_\_\_\_

	♂I	♂II	♀	♂J	♀J	♀E	♀Y
<u>C. striatus</u>			1	1	4	2	

Burrowing in degree area along drainage ditch  
Burrows riddled the ground so that about 8 ft of the  
stream bed was below the surface  
Open bottom lake.

(8)

No. 4-1558-1a, 1b

Date \_\_\_\_\_

Co. & State Talladega Co., Ala.

Loc. Station 123 in N.W. drainage on RT. 231 (21st st.)

Water Cloudy Flow moderate

Width 5 ft. Depth + 3 pH \_\_\_\_\_ Temp. 12°C

Bottom Sand

Vegetation none

Shore Acer - Ilex - Sassafras - Liquidambar -  
Photinia. Air Temp. \_\_\_\_\_

Weather Rain Time 9:25

Capture \_\_\_\_\_

Det. \_\_\_\_\_ Coll. \_\_\_\_\_

	♂I	♂II	♀	♂J	♀J	♀E	♀Y	
<u>P. f. acutus</u>						1		
<u>C. striatum</u>				4	11			

1

(16)

No. 4-1558-2

Date \_\_\_\_\_

Co. & State Coosa Co. Ala.

Loc. Stream 8.8 mi S. of Dalegaard on RT 231

Water muddy Flow swift (very)

Width 6' Depth +2 pH \_\_\_\_\_ Temp. 12°C

Bottom rocky

Vegetation moss

Shore Liriodendron - Cornus Florida - Platanus - Pinus

Air Temp. \_\_\_\_\_

Weather Rain Time 10:15

Capture \_\_\_\_\_

Det. \_\_\_\_\_ Coll. \_\_\_\_\_

	♂I	♂II	♀	♂J	♀J	♀E	♀Y
C. latimanus			5	1			

1

6

No. 11-1551-3a f.c

Date \_\_\_\_\_

Co. & State ELMORE CO. ALA.

Loc. at 21.6 mi S of Wetford Al. on RT 231

Water Cloudy Flow moderate

Width 25' Depth + 4' pH \_\_\_\_\_ Temp. 12°

Bottom sand.

Vegetation scrub.

Shore 91 m. Air Temp. \_\_\_\_\_

Weather Cloudy Time 11:25

Capture \_\_\_\_\_

Det. Coll.

	♂I	♂II	♀	♂J	♀J	♀E	♀Y
P. lymphodus				1			
C. latimanus				1	5	2	
C. striatus						2	

1

11



No. 4-1558-5a, -b

Date \_\_\_\_\_

Co. & State Montgomery Co., Ala.

Loc. River 2.2 mi E of Wetumpka, in 10' 2"  
in Montgomery, Ala. At county line of Mont. & Lowndes  
or Pt. 80

Water shallow Flow moderate

Width 6 Depth + 4 pH 7 Temp. 21°C

Bottom sandy - clay

Vegetation grass

Shore \_\_\_\_\_

Air Temp. \_\_\_\_\_

Weather Cloudy + drizzle Time 2:30

Capture \_\_\_\_\_

Det. \_\_\_\_\_ Coll. \_\_\_\_\_

	♂I	♂II	♀	♂J	♀J	♀E	♀Y
<u>P. lophotus</u>	1	6	6	5	3		21
<u>C. striatus</u>		2	1				3

2

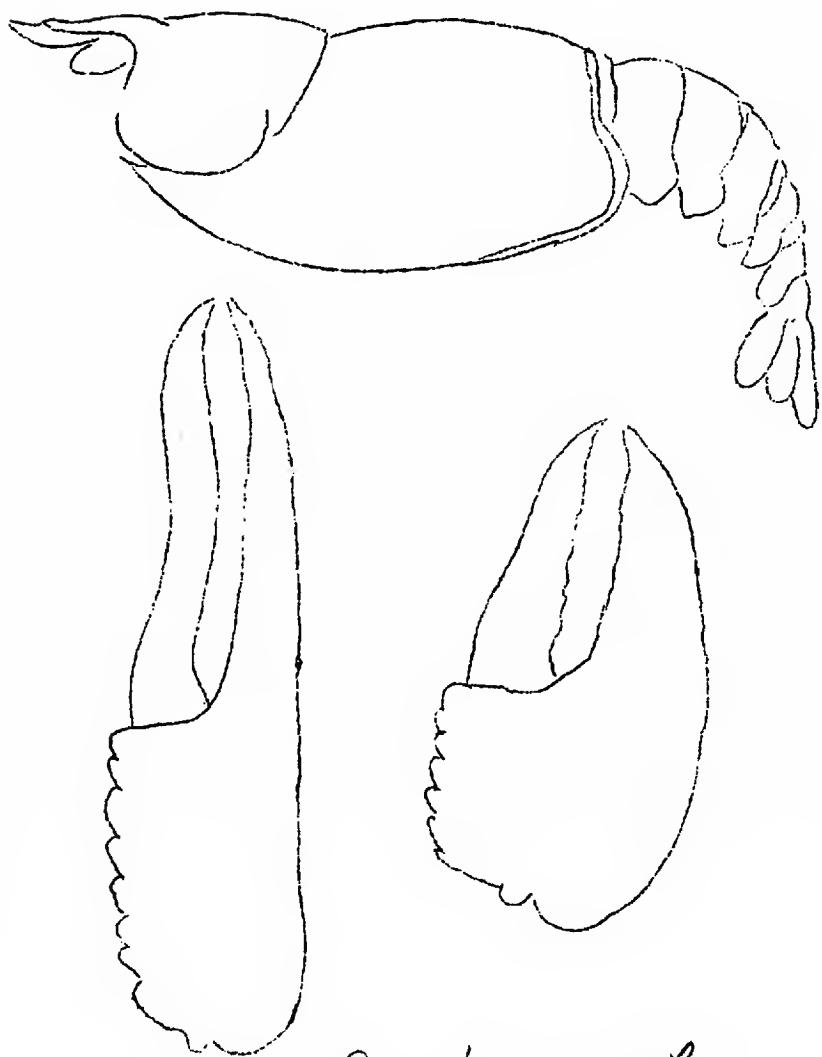
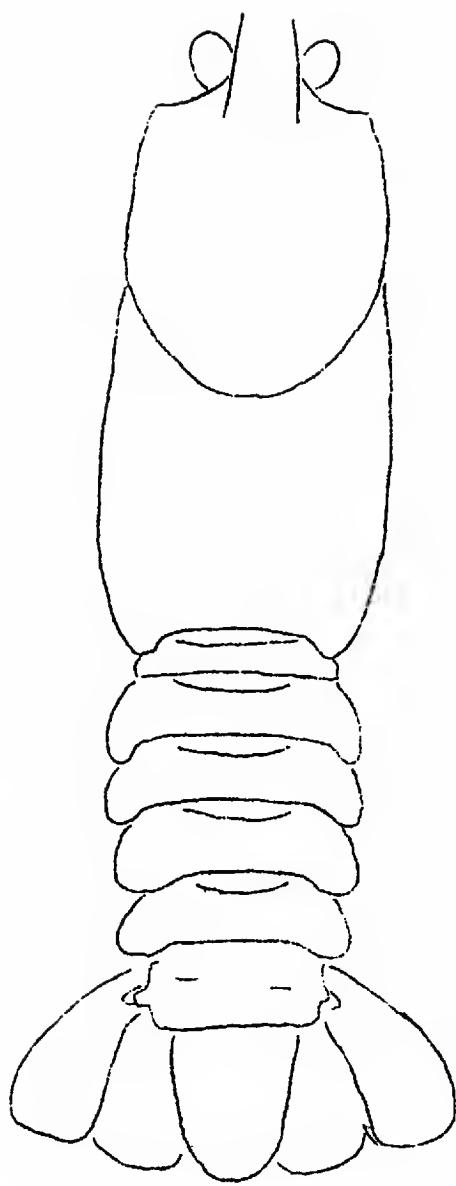
cont'd.

24

Species Precambanus

Locality Montgomery Co. No. 4-1558-5

2.2 mi E. of county line of  
Montgomery & Launders on  
Rt 80.



Identical with

4-1558-6

# Type Locality of *Lophotus*

No. 11-135 P-6a.8

Date \_\_\_\_\_

Co. & State Lowndes Co., Ala.

Loc. Road side ditch 3 ft. 'Super' T. L. 2  
Rt 41 with Rte 17 ft. or 3 ft. mi N.E. of  
Haynesville on Rt 11.

Water 9 Mds. Flow moderate

Width 1 Depth pH Temp.

Bottom sandy

Vegetation

Shore

Air Temp.

Weather Rain Time 2.55

Capture

Det. Coll.

	♂I	♂II	♀	♂J	♀J	♀E	♀Y	
<i>P. lophotus</i>								
✓ <i>P. lophotus</i> lewisi	2	1						3
<i>P. lophotus</i> (2 jars)	5	10	3	5	5			28
<i>C. striatus</i>			1		5			6

No. 41558-7

Date \_\_\_\_\_

Co. & State Lowndes Co. Ala.

Loc. Big Swamp Creek 1.4 mi s w of Hayneville  
on RT #1

Water muddy Flow none

Width 15' Depth + 2 pH \_\_\_\_\_ Temp. \_\_\_\_\_

Bottom Muddy

Vegetation Lizard tail - ini - ludwigia

Shore Platorme - water oak - Liquidambar -

Air Temp. \_\_\_\_\_

Weather Cloudy Time 3:30

Capture \_\_\_\_\_

Det. \_\_\_\_\_

Coll. \_\_\_\_\_

	♂I	♂II	♀	♂J	♀J	♀E	♀Y
P. leptocheles	1		2				3

Pair dug from single burrow.

(3)

1

No. 4-1558 - 8a, b

Date \_\_\_\_\_

Co. & State Perry Co., Al.

Loc. about 12.9 miles w. of H.ville on RT. #1

Water Muddy Flow moderate

Width 12 Depth + 2 pH \_\_\_\_\_ Temp. 12 °C

Bottom 77 ml

## Vegetation

Shore Lindberg - Bluebird Station

Air Temp. \_\_\_\_\_

Weather Cloudy Time 3:55

Capture

**Det.** \_\_\_\_\_ **Coll.** \_\_\_\_\_

	♂I	♂II	♀	♂j	♀j	♀e	♀y	.
<i>P. leptocephalus</i> (?)					2			2
<i>C. striatus</i>					1	2		3

1

5

No. 4-1558-9

Date \_\_\_\_\_

Co. & State Wilson Co., AL.

Loc. Bank side of stream, just above  
fall line of valley, about 1/2 mi. S. of

Water muddy Flow none

Width 15' Depth + 2 pH Temp. 12°C

Bottom

Vegetation

Shore

Air Temp. \_\_\_\_\_

Weather cloudy Time 4:25

Capture

Det. Coll. \_\_\_\_\_

	♂I	♂II	♀	♂J	♀J	♀E	♀Y
P. lophotes	3	5	8	11	6		33

(33)

No. 4-1558-10

Date \_\_\_\_\_

Co. & State Wilcox Co., N.C.

Loc. Stream 3.1 mi. S. of Oak Hill on RT # 100

Water Cloudy Flow moderate

Width 5' Depth + 3' pH \_\_\_\_\_ Temp. 12°C

Bottom muddy

Vegetation none

Shore Alluvium

Air Temp. \_\_\_\_\_

Weather Cloudy - Rain Time 5:00

Capture \_\_\_\_\_

Det. \_\_\_\_\_ Coll. \_\_\_\_\_

	♂I	♂II	♀	♂J	♀J	♀E	♀Y	♂
P. blandusii acutus(?)				2	1			

1

No. 4-1554 - 11a, b

Date \_\_\_\_\_

Co. & State Monroe Co. Ala.

Loc. Stream 7.3 mi. SW of Cawein on Rt 47

Water cloudy

Flow slow

Width 5'

Depth + 3

pH

Temp.

Bottom mud

Vegetation will

Shore

Air Temp.

Weather

Time 5:45

Capture

Det.

Coll.

	♂I	♂II	♀	♂J	♀J	♀E	♀Y
P. blandingii acutus		3	3				
C. striatus (?)				1			

1

No. 4-1558-273

Date \_\_\_\_\_

Co. & State B.-T. Co., Ala.

Loc. Stream 17.7 mi. E of town on Rt. 11  
2.6 mi. S of Lumberville (flooded)

Water Clouds Flow medium

Width 3 Depth 12 pH \_\_\_\_\_ Temp. \_\_\_\_\_

Bottom  $\sim$  200 s

## Vegetation

Shore Dinw - Ahne - Funder

Air Temp.

Weather Sunny - Time 12:00

Capture \_\_\_\_\_

Det. \_\_\_\_\_ Coll. \_\_\_\_\_

Det.	Coll.						
	♂I	♂II	♀	♂j	♀j	♀e	♀y
<i>P. b. acutus</i> (?)			1	1	2		4
<i>C. diogenes</i>	1			1			2

Biogenes dug from burrows

6.

~~428.2~~  
~~420.0~~  
8.5

427.7 - 1

~~428.1~~  
~~427.7~~  
1.4

~~37.4~~ - Salazar

~~48.6~~  
~~41.0~~  
7.6

428.8 - 2

411.0 - Bluff

~~62.6~~  
~~41.1~~  
31.5

~~48.6~~ - 3

62.6 - 3

526.9  
407.7  
~~526.1~~

67.8 - Memphis

~~420~~  
~~526.9~~  
993.1

501.8 - P1 + Td

504.7 - 6

~~8.1~~  
~~4.7~~  
3.4

8.1 - Haynesville

21.0

Bragg 26.1

Wiles 31.3

Conoco, cut to 1m

34.4

37.8 - Fumar

40.2 - In-Hill

50.0 Sab Hill

52.8

~~56.7~~  
57.5

72.9 - II

20.2 - Area

79.2

72.9

7.3

97.9 -

600.5 Brunelle

0.7

17.7

<sup>5</sup>  
785.5

547.9

2.6

8 - 6.90

F.A. 300 0.90

1.00 1.00

L - L. 1.82

1.00 0.00

1.00 0.50

H - H. 4.66

1.00 0.00

1.00 0.50

6.00 1.00 1.00 1.00 1.00

1.00 1.00 1.00 1.00 1.00

1.00 1.00

1.00 1.00

1.00 1.00 1.00 1.00 1.00

Union Springs 713.0

$\frac{23}{13}$   
 $\frac{13}{10}$

723

726.4 - Midway

31.4

26.4

55

731.9

749.3 - 11

754.2 Chattooga

No. 4-1652-1a, b

Date \_\_\_\_\_

Co. & State Puerto Rico

Loc. Stream, 1 mi. N. of T. of P. 3140 at  
Lewish, 1000 ft. above sea level.

Water Cool Flow Slow

Width 1x' Depth 4-5' pH 7.5 Temp. 12°C

Bottom Rocky

Vegetation Forest

Shore Gravel

Air Temp. \_\_\_\_\_

Weather Cloudy Time 9:10

Capture \_\_\_\_\_

Det. \_\_\_\_\_ Coll. \_\_\_\_\_

	♂I	♂II	♀	♂J	♀J	♀E	♀Y
<u>P. versutus</u>	2	2	1	7	4		16
<u>C. latimanus</u>			2		1		3

2

(19)

Color notes on versutus.

No. a, b, c, d

Date \_\_\_\_\_

Co. & State Franklin Co. Ill.

Loc. 32.4 | 5 | 7 Topography  
on RT 31

Water Cloudy Flow moderate

Width 6' Depth + 4' pH \_\_\_\_\_ Temp. 12°C

Bottom Clay - sand

Vegetation grass

Shore Grass

Air Temp. \_\_\_\_\_

Weather Cloudy Time 9:48

Capture \_\_\_\_\_

Det. \_\_\_\_\_ Coll. \_\_\_\_\_

	♂I	♂II	♀	♂J	♀J	♀E	♀Y	
P. acutissimus	2		2	6	6			16
✓ P. heterospilatus lewisi			5	12	5			22
C. latimanus	1	4	1	7				13
C. diogenes						1		1

21

(52) Color notes on diogenes? with eggs.

No. 4-1658-3 a, b

Date \_\_\_\_\_

Co. & State Montgomery Co., Ala.

Loc. Ridge side ditch 12.8 i. S. of Montgomery on  
RT. 31

Water clear Flow none

Width 4 ft Depth 1 ft pH 7 Temp. 12 °C

Bottom sand

Vegetation grass

Shore rocky

Air Temp. 12 °C

Weather cloudy Time 10:35

Capture \_\_\_\_\_

Det. \_\_\_\_\_ Coll. \_\_\_\_\_

	♂I	♂II	♀	♂J	♀J	♀E	♀Y
<u>P. lobatus</u>	1	7	3	3	10		24
<u>P. bituberculatus</u>	1						1

1

(25)

No. 4-1658-4

Date \_\_\_\_\_

Co. & State Morgan Co. Ala.

Loc. Stream 12.6 mi E of Montgomery on RT. 80

Water cloudy Flow slow

Width 6' Depth +5 pH \_\_\_\_\_ Temp. \_\_\_\_\_

Bottom sand

Vegetation none

Shore \_\_\_\_\_

Air Temp. \_\_\_\_\_

Weather Cloudy

Time 11:20

Capture \_\_\_\_\_

Det. \_\_\_\_\_

Coll. \_\_\_\_\_

	♂I	♂II	♀	♂J	♀J	♀E	♀Y
<u>C latimanus</u>				1	2		3

(3)

No. 4-1658-5a, b, c, d

Date Montgomery Co.

Co. & State Maryland Co. Md.

Loc. 17.2 mi E of Montgomery on RT 60  
Right side rt. 60

Water Muddy Flow none

Width 100 ft Depth 10 ft pH 7.5 Temp. 12°C

Bottom sand

Vegetation grassed

Shore Limestone - Squeaky - Brown

Air Temp. 12°C

Weather Cloudy Time 2:00

Capture

Det.  Coll.

	♂I	♂II	♀	♂J	♀J	♀E.	♀Y
<u>C. striatus</u>			1		2		3
<u>P. acutissimum</u>			1	2	3	2	8
<u>G. lewisi</u> <del>G. lateralis</del>			1	3			4
<u>O. claviger</u>	7	10	30	19	20		86

The Fish Collection Co. Inc. (D-1)

No. 44-1658 - 6a, b

Date \_\_\_\_\_

Co. & State Morgan Co., Ohio

Loc. on drift 1 mile E of Minocqua on

-AT 80

Water Clouds Flow

Width      Depth      pH      Temp.

Bottom sand

## Vegetation

Shore

\_\_\_\_\_ Air Temp. \_\_\_\_\_

Weather Cloudy Time

Capture \_\_\_\_\_

Det. \_\_\_\_\_ Coll. \_\_\_\_\_

	♂I	♂II	♀	♂j	♀j	♀e	♀y	
P. acutissimus	1	3	3	10	11			28
O. clypeatus	2	3	4		5			14

1

No. 1-1151-7a-b

Date \_\_\_\_\_

Co. & State Mic. Co., Fla.

Loc. Ridge rd. rd. 18.8 mi E of Montgomery  
on RT 83

Water muddy

Flow little

Width 6 ft.

Depth 1 ft

pH

Temp. 12°C

Bottom muddy

Vegetation algae - grass

Shore \_\_\_\_\_

Air Temp. \_\_\_\_\_

Weather Cloudy

Time 12:45

Capture \_\_\_\_\_

Det. \_\_\_\_\_

Coll. \_\_\_\_\_

	♂I	♂II	♀	♂J	♀J	♀E	♀Y
<u>P. acutissimus</u>				5	6	2	2
<u>P. tuberculatus</u>	✓	1					1

(1)

16

No. 4-1658-8a, b, c, d

Date \_\_\_\_\_

Co. & State Macon Co. Ala.

Loc. Streams + small lakes 8 mi S. of Ft. Payne  
on RT 29

Water Cloudy Flow slow

Width 4' Depth 4-6 pH \_\_\_\_\_ Temp. \_\_\_\_\_

Bottom sand - rock + sand

Vegetation grass + weeds

Shore \_\_\_\_\_ Air Temp. \_\_\_\_\_

Weather Clear Time 2:40

Capture \_\_\_\_\_

Det. Coll. \_\_\_\_\_

	♂I	♂II	♀	♂J	♀J	♀E	♀Y	
<u>P. acutissimus</u>			1		2			3
<u>P. verrucosus</u>				1	2			3
<u>P. bituberculatus</u>				1	1			2
<u>C. striatus</u>			1	1	2			4

1

(12)

No. 4-1658-9a, b, c

Date \_\_\_\_\_

Co. & State Bullock Co. Ala.

Loc. Stream 11 mi SE. Hill, Laying on RT 83  
Choctawhatchee drainage.

Water Cloudy Flow soft

Width 10' 10" Depth 4' pH \_\_\_\_\_ Temp. \_\_\_\_\_

Bottom Dirt - mud - sand

Vegetation Grasses

Shore Liquidambar - Pine - Platane

Air Temp. \_\_\_\_\_

Weather Clear

Time 3:30

Capture \_\_\_\_\_

Det. \_\_\_\_\_

Coll. \_\_\_\_\_

	♂I	♂II	♀	♂J	♀J	♀E	♀Y
<u>P. notatus</u>			1				1
<u>P. acutissimus</u> (?)				2			2
<u>C. latimanus</u>	10	4	9	13			36

(39)

No. 4-1658-10

Date \_\_\_\_\_

Co. & State Bullcock Co. Ala.

Loc. Roadside swimming pool 5.5 mi S.E. of Milligan  
on RT 82

Water Clear

Flow weak

Width 25' x 30' Depth - 1 pH 7 Temp. 70°

Bottom silt - sand

Vegetation algae - sand

Shore algae - sand -

Air Temp. 70°

Weather Clear

Time 4:00

Capture \_\_\_\_\_

Det. \_\_\_\_\_

Coli. \_\_\_\_\_

	♂I	♂II	♀	♂J	♀J	♀E	♀Y
P. verrucosus	2	2					4

(4)

/

No. 4-1658-11a, b

Date \_\_\_\_\_

Co. & State Bibb Co., Ala.

Loc. Down 2 miles of Cahaba on Rt. 82

Water Clear Flow moderate

Width 10' Depth 4' pH \_\_\_\_\_ Temp. 15°C

Bottom Rocky

Vegetation Grasses

Shore Oak & Tupelo trees

Air Temp. \_\_\_\_\_

Weather Clear Time 4:50

Capture \_\_\_\_\_

Det. \_\_\_\_\_ Coll. \_\_\_\_\_

	♂I	♂II	♀	♂J	♀J	♀E	♀Y
<u>Poeciliopsis</u>				1	1		2
<u>S. latimanus</u>	3	1	2	2			8

(10)

No. 4-165c-12a, b, c

Date \_\_\_\_\_

Co. & State Morgan Co., Ala.

Loc. Q. at 1/4 mi. T. City, to Calbas Creek on RT 80

7.2 mi W of Trussville

Water Cloudy Flow moderate

Width 15' Depth 4 ft pH \_\_\_\_\_ Temp. \_\_\_\_\_

Bottom Clay - sand

Vegetation grass - clover

Shore \_\_\_\_\_

Air Temp. \_\_\_\_\_

Weather Clear Time 1:40

Capture \_\_\_\_\_

Det. \_\_\_\_\_ Coll. \_\_\_\_\_

	♂I	♂II	♀	♂J	♀J	♀E	♀Y
P. acutissimus	1	3	2	2	2		10
P. verressinus	1	6	7	2	5		21
C. striatus		1		1	2		4

(35)

Date \_\_\_\_\_

Cat. No. 9-2758-1

P.O. \_\_\_\_\_

Co. &amp; State Smyth Va.

Locality. N. Fork Holston R. on Rt. 16.

1.1 mile south of junction of RT 16 &amp; 42 on RT 16

Quadrangle \_\_\_\_\_

Elevation \_\_\_\_\_

Water: slightly cloudy Flow sluggish

Width 40' Depth 2 1/2 - 3 pH \_\_\_\_\_ Temp. \_\_\_\_\_

Bottom silty &amp; rocky.

Vegetation algae

Shore Platanus, Salix, Typha, Dunes, Juncus

Air Temp. \_\_\_\_\_

Weather \_\_\_\_\_ Time \_\_\_\_\_

Method of Capture \_\_\_\_\_

Preservative \_\_\_\_\_

Collected by: \_\_\_\_\_

General Notes: .

No. 10-1158-3

Date \_\_\_\_\_

Co. & State \_\_\_\_\_

Loc. "Tanglewood" Biological Farm of Univ. of Alabama.

Water \_\_\_\_\_ Flow \_\_\_\_\_

Width \_\_\_\_\_ Depth \_\_\_\_\_ pH \_\_\_\_\_ Temp. \_\_\_\_\_

Bottom \_\_\_\_\_

Vegetation \_\_\_\_\_

Shore \_\_\_\_\_

Air Temp. \_\_\_\_\_

Weather \_\_\_\_\_ Time \_\_\_\_\_

Capture \_\_\_\_\_

Date. \_\_\_\_\_

Coll.

	♂I	♂II	♀	♂J	♀J	♀E	♀Y	
<u>C. striatus</u>			/		/			

R. E. Smith, coll.

No. 10-1258-1a, 1b.

Date 10/12/58

Decatur

Co. & State Decatur Co., Ala

Loc. Drainage Creek of Harris Lake - Decatur  
Co.

Water \_\_\_\_\_ Flow \_\_\_\_\_

Width \_\_\_\_\_ Depth \_\_\_\_\_ pH \_\_\_\_\_ Temp. \_\_\_\_\_

Bottom \_\_\_\_\_

Vegetation \_\_\_\_\_

Shore \_\_\_\_\_ Air Temp. \_\_\_\_\_

Weather \_\_\_\_\_ Time \_\_\_\_\_

Capture \_\_\_\_\_

Net. \_\_\_\_\_ Coll. \_\_\_\_\_

	♂I	♂II	♀	♂J	♀J	♀E	♀Y
<u>C. latimanus</u>			1				
<u>O. Lathawayi</u>			3				

R.E. Smith, Jack Malley

No. 11-858-1

Date Nov 8, 1958

Co. & State Tuscaloosa Co., Ala.

Loc. Cottontale, Tuscaloosa, Found in spring on the entrance of an abandoned coal mine within 30' of Bee Creek.

Water \_\_\_\_\_ Flow \_\_\_\_\_

Width \_\_\_\_\_ Depth \_\_\_\_\_ pH \_\_\_\_\_ Temp. \_\_\_\_\_

Bottom \_\_\_\_\_

Vegetation \_\_\_\_\_

Shore \_\_\_\_\_ Air Temp. \_\_\_\_\_

Weather \_\_\_\_\_ Time \_\_\_\_\_

Capture \_\_\_\_\_

Det. \_\_\_\_\_ Coll. \_\_\_\_\_

	♂I	♂II	♀	♂J	♀J	♀E	♀Y	
C. striatus				4	1			

R. E. Smith

No. 0-0059- 2

Date Spring 1959

Co. & State Tuscaloosa Co., Ala.

Loc. Big Sandy Creek

Water \_\_\_\_\_ Flow \_\_\_\_\_

Width \_\_\_\_\_ Depth \_\_\_\_\_ pH \_\_\_\_\_ Temp. \_\_\_\_\_

Bottom \_\_\_\_\_

Vegetation \_\_\_\_\_

Shore \_\_\_\_\_ Air Temp. \_\_\_\_\_

Weather \_\_\_\_\_ Time \_\_\_\_\_

Capture \_\_\_\_\_

Det. \_\_\_\_\_ Coll. \_\_\_\_\_

	♂I	♂II	♀	♂J	♀J	♀E	♀Y	
C. striatus		2	2					

R. E. Smith coll.

# BIOLOGICAL ABSTRACTS

UNIVERSITY OF PENNSYLVANIA

• 3815 WALNUT STREET

• PHILADELPHIA 4, PENNSYLVANIA

4-1859-1 Va., Mecklenburg Co.

Va. State route # 4

Creek rt. side rd. 5 N Kerr Dam

Dug - inconsp. chimneys in grass

Soil - sandy

4-1859-2

US Rt. 58 W

2. 3 mi. from town to St. Rt. #4

Allen Creek

## BOARD OF TRUSTEES

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H. L. ANDERSON, BUSINESS MANAGER

HAZEL HALL PHILSON, ASSISTANT TO THE DIRECTOR

8-1859-1

Date Aug 18 - 59 Cat. No. 59-3  
P. O. Boone Co. & State Watauga - NC  
Locality New River on Rf. 421 - 3.2 mi east of Boone

Quadrangle \_\_\_\_\_ Elevation \_\_\_\_\_

Water: Clear Flow moderate

Width \_\_\_\_\_ Depth \_\_\_\_\_ pH \_\_\_\_\_ Temp. —

Bottom rocky

Stream Vegetation \_\_\_\_\_

Shore Vegetation \_\_\_\_\_

Air Temp. —

Weather Fair Time 3:45 PM

Method of Capture Seis

Preservative Formalin

Collected by: Crawford, E.H.

General Notes:

Cambarus upemus 3<sup>rd</sup> II, 10

8-2159-1

Date Aug 21 - 59 Cat. No. 59-4

P. C. No. Wilksboro Co. &amp; State Wilks - NC

Locality Tributary of Yadkin River on R.H. 18 - 7.2 mi.  
North of North Wilksboro

Quadrangle \_\_\_\_\_ Elevation \_\_\_\_\_

Water: Tinted Flow Mod. to sluggish

Width 10 ft Depth 5 ft pH \_\_\_\_\_ Temp. \_\_\_\_\_

Bottom Sandy

Stream Vegetation \_\_\_\_\_

Shore Vegetation \_\_\_\_\_

Air Temp. \_\_\_\_\_

Weather Cloudy Time 2:15 PM

Method of Capture Sein

Preservative Formalin

Collected by Crawford, F-H

General Notes:

Cambarus montanus acuminatus 3<sup>♂</sup> II, 5<sup>♀</sup>; 3<sup>♂</sup> juv; 3<sup>♀</sup> juv.

Date Aug. 21 - 59 Cat. No. 8-2159-2  
P. C. No. Wilksboro

Co. & State Wilks - NC  
Locality Tributary of Yadkin River on Rt. 421 - 5.4 mi.  
east of North Wilksboro

Quadrangle — Elevation —

Water: Clear Flow sluggish

Width — Depth — pH — Temp. —

Bottom silty

Stream Vegetation

Shore Vegetation

Air Temp. 4:00 PM

Weather Fair To Cloudy Time

Method of Capture Sein

Preservative Formalin

Collected by Crawford L. R.

General Notes:

C. montanus acuminatus 1♂ I, 2♂ II, 1♀, 3♂ juv.

10-1259-1a, 1b

Date Oct. 12, 1959

Cat. No. 59-6

P. O. Due West

Co. &amp; State Abbeville, SC

Locality Hogskin Creek 2 mi. West-southwest of  
Due West on RT 184

Quadrangle —

Elevation —

Water: Clear

Flow mod

Width 20 ft

Depth 1 ft

pH

Temp. 30 °C

Bottom Sandy

Stream Vegetation Assorted algae + mosses

Shore Vegetation Quercus, Alnus, Salix, Pinus, Platanus, Ilex

Nyssa

Air Temp. 72°F.

Weather Cloudy

Time 3:10 PM

Method of Capture Sein

Preservative Formalin

Collected by Crawford

General Notes:

Procambarus raneyi 1♂II, 3♀  
Cambarus latimanus, 3♂II; 7♀